

**From:** [Cindy Lin](#)  
**To:** [Joe Bellomo](#)  
**Subject:** RE: lagoon info request  
**Date:** 04/23/2012 08:43 AM

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Hi Joe,

No, we do not have a draft for your review yet. I will be going over the data we collected and if possible, some initial results.

I will be giving a powerpoint presentation so a projector is needed.

Cindy

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Cindy Lin, D.ENV.  
Water Division  
US EPA R9 Southern CA Office  
600 Wilshire Blvd, Ste 1460  
Los Angeles, CA 90017  
Office: 213.244.1803 Cell: 858.699.1255

-----"Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)> wrote: -----

To: Cindy Lin/R9/USEPA/US@EPA  
From: "Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)>  
Date: 04/18/2012 04:06PM  
Subject: RE: lagoon info request

Hi Cindy,

To help us (the Malibu Creek Watershed Management Committee) prepare for your visit next week (4/26 at 10:30) do you have a draft of the proposed TMDLs or other development docs we can start reviewing? Also, what kind of setup/equipment will you need?

The meeting will be at the City of Westlake Village City Hall (31200 Oak Crest Drive, 91306) in case I haven't mentioned that already.

We're looking forward to your visit.

Thanks,

Joe Bellomo

805-279-6856 Cell

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**From:** Cindy Lin [mailto:Lin.Cindy@epamail.epa.gov]  
**Sent:** Tuesday, March 13, 2012 11:39 AM  
**To:** Joe Bellomo  
**Subject:** Re: lagoon info request

Thanks Joe. How about 10:30a-12:30a?

Cindy

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Cindy Lin, D.ENV.  
Water Division  
US EPA R9 Southern CA Office  
600 Wilshire Blvd, Ste 1460  
Los Angeles, CA 90017  
Office: 213.244.1803 Cell: 858.699.1255

-----"Joe Bellomo" <jbellomo@willdan.com> wrote: -----

To: Cindy Lin/R9/USEPA/US@EPA  
From: "Joe Bellomo" <jbellomo@willdan.com>  
Date: 03/13/2012 09:35AM  
Subject: Re: lagoon info request

Morning Cindy,

Using the dates you provided below I did a Doodle Poll with the group and a majority of us are available on the 26th from 10-3PM. I would think that 2 hours during that period should be good enough, but I'll leave it to you to determine if more time is needed.

At your convenience please confirm a time so I can lock in my end.

Thanks,

Joe Bellomo

805-279-6856 Cell

On Mar 6, 2012, at 17:39, "Cindy Lin" <[Lin.Cindy@epamail.epa.gov](mailto:Lin.Cindy@epamail.epa.gov)> wrote:

How does 4/25, 4/26 or 4/30 look?

Cindy

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US EPA R9 Southern CA Office  
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Los Angeles, CA 90017  
Office: 213.244.1803 Cell: 858.699.1255

-----"Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)> wrote: -----

To: Cindy Lin/R9/USEPA/US@EPA  
From: "Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)>  
Date: 03/06/2012 01:11PM  
Subject: RE: lagoon info request

Sure, I think it will be helpful if you give me three separate dates/times and I'll set up a doodle poll for the group. Thanks!

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**From:** Cindy Lin [mailto:Lin.Cindy@epamail.epa.gov]  
**Sent:** Tuesday, March 06, 2012 9:18 AM  
**To:** Joe Bellomo  
**Subject:** RE: lagoon info request

Hi Joe,

I will be on annual leave on 4/10. Can we do something later in the month.  
We should have a more ready draft for me to go over with folks than.

Cindy

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Water Division  
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Los Angeles, CA 90017  
Office: 213.244.1803 Cell: 858.699.1255

-----"Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)> wrote: -----

To: Cindy Lin/R9/USEPA/US@EPA  
From: "Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)>  
Date: 03/05/2012 10:05PM  
Subject: RE: lagoon info request

Does April 10<sup>th</sup> work for you and what stage will the TMDLs be at in April? Thanks for the quick reply!

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**From:** Cindy Lin [mailto:Lin.Cindy@epamail.epa.gov]  
**Sent:** Monday, March 05, 2012 10:00 PM  
**To:** Joe Bellomo  
**Subject:** RE: lagoon info request

Hi Joe,

Sorry, we were supposed to find a date earlier. Unfortunately, March won't work for me. How does April look?

Cindy

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Office: 213.244.1803 Cell: 858.699.1255

-----"Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)> wrote: -----

To: Cindy Lin/R9/USEPA/US@EPA  
From: "Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)>  
Date: 03/05/2012 09:43PM  
Subject: RE: lagoon info request

Cindy,

I left you a voicemail this morning with a promise to follow it up with an e-mail within hours, well it took a little longer. Are you available on the 13<sup>th</sup> to meet with the Malibu Watershed group? If not, please let me know when you have some time.

Thanks,

Joe

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**From:** Joe Bellomo  
**Sent:** Thursday, February 09, 2012 4:44 PM  
**To:** Cindy Lin  
**Subject:** Re: lagoon info request

Great! Anytime (actually I'm helping at my daughter's school until 10:30am) . . .  
Just call me after 10:30am at the cell number below. Thanks!

On Feb 9, 2012, at 16:39, "Cindy Lin" <[Lin.Cindy@epamail.epa.gov](mailto:Lin.Cindy@epamail.epa.gov)> wrote:

Joe: Thanks for reminder. This is actually good timing. Can I give  
you a call tomorrow? What's a good time?

Cindy

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Cindy Lin, D.ENV.  
Water Division  
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600 Wilshire Blvd, Ste 1460  
Los Angeles, CA 90017  
Office: 213.244.1803  
Cell: 858.699.1255

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From: "Joe Bellomo" <[jbellomo@willdan.com](mailto:jbellomo@willdan.com)>  
To: Cindy Lin/R9/USEPA/US@EPA, "Dougall, Jan" <[jdougall@lvmwd.com](mailto:jdougall@lvmwd.com)>, "Orton,  
Randal" <[ROrton@LVMWD.com](mailto:ROrton@LVMWD.com)>, "Butcher, Jon" <[Jon.Butcher@tetrattech.com](mailto:Jon.Butcher@tetrattech.com)>  
Date: 02/09/2012 04:37 PM  
Subject: Re: lagoon info request

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All,

I'm out and about . . . I'll restore the data and send access info out  
this evening.

Cindy,

We still need to determine a date when you can meet again with the  
Malibu Creek Watershed Management Committee regarding the EPA  
TMDLs under development. Will you have a few minutes tomorrow to  
compare calendars with me? I'm open all day.

Thanks,

Joe Bellomo  
805-279-6856 Cell

On Feb 9, 2012, at 15:41, "Cindy Lin" <[Lin.Cindy@epamail.epa.gov](mailto:Lin.Cindy@epamail.epa.gov)> wrote:

Thanks Jan.

I just found it again.

Joe: go ahead and send the FTP site again. Thanks.

Cindy

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Water Division  
US EPA R9 Southern CA Office  
600 Wilshire Blvd, Ste 1460  
Los Angeles, CA 90017  
Office: 213.244.1803  
Cell: 858.699.1255

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From: "Dougall, Jan" <[jdougall@lvmwd.com](mailto:jdougall@lvmwd.com)>  
To: "Joe Bellomo" <[jbello@willdan.com](mailto:jbello@willdan.com)>  
Cc: "Orton, Randal" <[ROrton@LVMWD.com](mailto:ROrton@LVMWD.com)>, "Butcher, Jon" <[Jon.Butcher@tetrattech.com](mailto:Jon.Butcher@tetrattech.com)>, Cindy Lin/R9/USEPA/US@EPA  
Date: 02/09/2012 03:29 PM  
Subject: RE: lagoon info request

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Hi Joe –

Could you send Cindy the FTP site information again so she can collect the benthic macroinvertebrate bioassessment data and reports we assembled for her?

Thanks!

Cindy - I'll generate an internal request for the LVMWD Spring 2011 bioassessment report and data in Excel.

Jan Dougall  
LVMWD  
(818) 251-2167

**From:** Cindy Lin [<mailto:Lin.Cindy@epamail.epa.gov>]  
**Sent:** Thursday, February 09, 2012 3:01 PM  
**To:** Dougall, Jan

**Cc:** Orton, Randal; Butcher, Jon  
**Subject:** RE: lagoon info request

Jan:

Can you send me the FTP site again. As for last Spring's bioassessment report, we would love to have the data in an excel sheet. Should I make the request to you?

Cindy

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Cindy Lin, D.ENV.  
Water Division  
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Los Angeles, CA 90017  
Office: 213.244.1803  
Cell: 858.699.1255

From: "Dougall, Jan" <[jdougall@lvmwd.com](mailto:jdougall@lvmwd.com)>  
To: Cindy Lin/R9/USEPA/US@EPA  
Cc: "Orton, Randal" <[ROrton@LVMWD.com](mailto:ROrton@LVMWD.com)>  
Date: 02/09/2012 02:29 PM  
Subject: RE: lagoon info request

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Hi Cindy,

We already provided bioassessment data to you via the FTP site to be able to get data to you late last summer. We'd compiled BMI bioassessment reports and Excel-format data from LVMWD, the Malibu Creek Watershed-wide Monitoring Program, and one year of SMC data, plus the LA County Bioassessment reports from 2006-2010. Did you ever get that?

Since then we've gotten last spring's bioassessment reports, but could request the data in Excel format from the contractor. I would have to submit an official data request, so would need you to ask for this by email.

Jan Dougall  
LVMWD  
(818) 251-2167

**From:** Cindy Lin [<mailto:Lin.Cindy@epamail.epa.gov>]  
**Sent:** Thursday, February 09, 2012 1:56 PM  
**To:** Dougall, Jan  
**Cc:** Orton, Randal  
**Subject:** RE: lagoon info request

Jan:

Any chance we can get your benthic data for Malibu?

Cindy

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Cindy Lin, D.Env.  
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Los Angeles, CA 90017  
Office: 213.244.1803  
Cell: 858.699.1255

From: "Dougall, Jan" <[jdougall@lvmwd.com](mailto:jdougall@lvmwd.com)>  
To: "Orton, Randal" <[R.Orton@LVMWD.com](mailto:R.Orton@LVMWD.com)>  
Cc: Cindy Lin/R9/USEPA/US@EPA  
Date: 02/06/2012 04:42 PM  
Subject: RE: lagoon info request

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He ends by saying "some sort of summary information on dates of (1) breaching (with identification of intentional vs. natural breaches) and subsequent (2) closure that would be most welcome." (3) He adds that he would like to know "if, in your efforts to maintain a pressure transducer in the estuary, you have assembled useful information on absolute or relative changes in sediment elevation at the sonde location."

- (1) If he needs to get dates on berm breaching, he would need to look at the data, and probably not ours, since we weren't looking at that.
- (2) We could give him what we have on berm closure with [\\lv-data\data\RC\\_PO\JanD\Projects\Lagoon\Berm\\_closure\\_MEMO.doc](\\lv-data\data\RC_PO\JanD\Projects\Lagoon\Berm_closure_MEMO.doc).
- (3) We could tell him that the only other parameters we collected did not relate to sediment levels: they were temperature, specific conductance, DO, depth, pH and Chlorophyll a

Jan  
X2167

**From:** Butcher, Jon [<mailto:Jon.Butcher@tetrattech.com>]  
**Sent:** Monday, February 06, 2012 4:17 PM  
**To:** Orton, Randal



**Cc:** Dougall, Jan; [Lin.Cindy@epa.gov](mailto:Lin.Cindy@epa.gov)

**Subject:** RE: lagoon info request

Thanks Randal (and Jan),

I contacted Jan after reviewing an email of a few months ago from Cindy Lin indicating that Jan had some information on lagoon breaches. Jan and I had a good discussion this afternoon about the when, how, and why of LVMWD's efforts to assemble such data relative to discharge permit requirements. For Cindy's work we are focusing on a stressor identification effort to determine what stressors are most strongly associated with impacts to benthic communities in the lagoon. (Admittedly, the lack of clear reference sites makes it difficult to tell to what extent the benthic community in the lagoon is impacted...) In any case, the lagoon has been subject to a number of stresses over time, including altered hydrology, changes in sediment and nutrient loads, increased toxics loads, and morphometric constraints that have altered the natural cycle of storing and flushing sediments. Part of that story is the history of lagoon breaching. The natural cycle of lagoon breaching has clearly been altered by both changes in hydrology (largely due to imported water) and physical constraints on the lagoon from bridges and development. There has also been intentional breaching for the purpose of lowering water levels in the lagoon.

I think what we are really looking for at this point is information to increase our understanding of the behavior of the lagoon over time.

A narrative of when and how the lagoon opened to the ocean is an important piece of the puzzle - especially how it may have changed over recent time with the virtual elimination of the Tapia direct discharge and suppression of intentional breaching. We are more interested in trends than in detailed information for single years. So, if you have some sort of summary information on dates of breaching (with identification of intentional vs. natural breaches) and subsequent closure that would be most welcome.

I am also interested to know if, in your efforts to maintain a pressure transducer in the estuary, you have assembled useful information on absolute or relative changes in sediment elevation at the sonde location.

Thanks again,  
Jon Butcher  
Tetra Tech

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**From:** Orton, Randal [[ROrton@LVMWD.com](mailto:ROrton@LVMWD.com)]

**Sent:** Monday, February 06, 2012 6:11 PM

**To:** Butcher, Jon

**Cc:** Dougall, Jan; [Lin.Cindy@epa.gov](mailto:Lin.Cindy@epa.gov)

**Subject:** lagoon info request

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|||  
Hello Jon,

Jan forwarded thread to me. Are you interested in dates when people breached the lagoon, or dates when it breached regardless of cause or something else? We have a fair amount of data, most of it years old at this point, so any more detail would be good.

Our breach info comes from two sources, early stuff based on lifeguard log, later stuff based on depth gage on lagoon sonde. The sonde data is very discontinuous though.

I know Jan asked for more info too – sorry for any duplication.

Randal Orton, PhD, DEnv  
Resource Conservation Manager  
LVMWD